

IN THE CLAIMS

This listing of the claims will replace all prior listings.

1. (Currently amended) A triple layer industrial fabric having a paper side (PS) layer and a machine side (MS) layer comprising polymeric warp and weft yarns woven to a repeat pattern wherein:

- (i) all of the warp yarns are arranged as vertically stacked pairs;
- (ii) all of the weft yarns comprise pairs of intrinsic weft binder yarns, each having a first and second member each of which contributes to the structure of both the PS and the MS layers of the fabric and binds together the PS and MS layers;
- (iii) for each pair of the intrinsic weft binder yarns, the first and second members of the pair follow complementary identical paths in which the two pair members alternate with each other to appear in turn in the PS layer and the MS layer and cooperate to define a single continuous weft yarn path in both the PS layer and the MS layer whereby

(a) when either the first or second member passes from the PS layer to the MS layer, the other member of the pair passes from the MS layer to the PS layer at an exchange point located between at least one common pair of warp yarns; and

(b) the members of each pair are in adjacent contact at each of the exchange points; and

- (iv) at least one of the PS layer and the MS layer is woven to a plain weave pattern.

2. (Previously presented) A triple layer industrial fabric as claimed in Claim 1, wherein the PS layer has an exposed PS surface and the MS layer has an exposed MS surface; and wherein

- (i) in a first portion of the repeat pattern, the first member is exposed in the PS surface over a number (N1) of PS warp yarns while the second member is exposed in the MS surface over a number (N2) of MS warp yarns;
- (ii) in a second portion of the repeat pattern the first member is exposed in the MS

surface over a number (M1) of MS warp yarns while the second member is exposed in the PS surface over a number (M2) of PS warp yarns; and

(iii) relationships between values of N1, N2, M1 and M2 are selected from

- (a) the value of N1 is equal to the value of N2, and the value of M1 is equal to the value of M2;
- (b) the value of N1 is equal to the value of M2, and the value of N2 is equal to the value of M1; and
- (c) the values of each of N1, N2, M1 and M2 are equal.

3. -5. (canceled)

6. (Previously presented) A triple layer industrial fabric as claimed in claim 1 wherein for each unit area, viewed substantially perpendicularly to the PS surface of the PS layer or the MS surface of the MS layer, an open space projected through the fabric has an area in a range of 35% to 50% of the unit area.

7. (Original) A triple layer industrial fabric as claimed in claim 1 wherein the fabric has an air permeability in a range of 800 to 1200 cubic feet per minute per square foot.

8. (Previously presented) A triple layer industrial fabric as claimed in claim 7 wherein the fabric has an air permeability in a range of 900 to 1100 cubic feet per minute per square foot.

9. (Original) A triple layer industrial fabric as claimed in claim 1 wherein the polymeric yarns are made from at least one material selected from the group polyetheretherketone, polyphenylene sulphide, polyethylene terephthalate, and polycyclohexamethalyne terephthalate, acid modified.

10. (Original) A triple layer industrial fabric as claimed in claim 1 wherein the PS surface of the PS layer of the fabric has a polymeric resinous coating.

11. (New) A triple layer industrial fabric having a paper side (PS) layer and a machine side (MS) layer comprising polymeric warp and weft yarns woven to a repeat pattern wherein:

(i) all of the warp yarns are arranged as vertically stacked pairs;
(ii) all of the weft yarns comprise pairs of intrinsic weft binder yarns, each having a first and second member each of which contributes to the structure of both the PS and the MS layers of the fabric and binds together the PS and MS layers;
(iii) for each pair of the intrinsic weft binder yarns, the first and second members of the pair follow identical complementary paths in which the two pair members define a respective plane extending in the weft direction in which the pair members cooperate to define a continuous weft yarn path in both the PS layer and the MS layer whereby

(a) when either the first or second member passes from the PS layer to the MS layer, the other member of the pair passes from the MS layer to the PS layer at an exchange point located between at least one common pair of warp yarns; and

(b) the members of each pair are in adjacent contact at each exchange point;
and

(iv) at least one of the PS layer and the MS layer is woven to a plain weave pattern.